

27. (Twice Amended) An immunoregulatory mannose receptor-bearing cell population, wherein said immunoregulatory mannose receptor-bearing cell population can be derived by a method comprising:

a) culturing mannose receptor-bearing cells *in vitro* with one or more biological response modifiers to produce an enhanced mannose receptor-bearing cell population; and

b) incubating said enhanced mannose receptor-bearing cell population with a conjugate comprising an antigen and a carbohydrate polymer comprising mannose, wherein said carbohydrate polymer is selected from the group consisting of fully oxidized carbohydrate polymer comprising free aldehydes and partially reduced carbohydrate polymer having aldehydes, to obtain said immunoregulatory mannose receptor-bearing cell population.

38. (Twice Amended) A mucin antigen delivery vehicle, comprising an isolated mannose receptor-bearing cell and a conjugate comprising mucin antigen and a carbohydrate polymer comprising mannose, wherein said carbohydrate polymer is selected from the group consisting of fully oxidized carbohydrate polymer comprising free aldehydes and partially reduced carbohydrate polymer having aldehydes.

Please add the following Claim 70.

70. (Added) An immunoregulatory composition comprising isolated mannose receptor-bearing cells and a conjugate comprising an antigen and a carbohydrate polymer comprising mannan, wherein said carbohydrate polymer is selected from the group consisting of fully oxidized carbohydrate polymer comprising free aldehydes and partially reduced carbohydrate polymer having aldehydes.